

## **Historic, Archive Document**

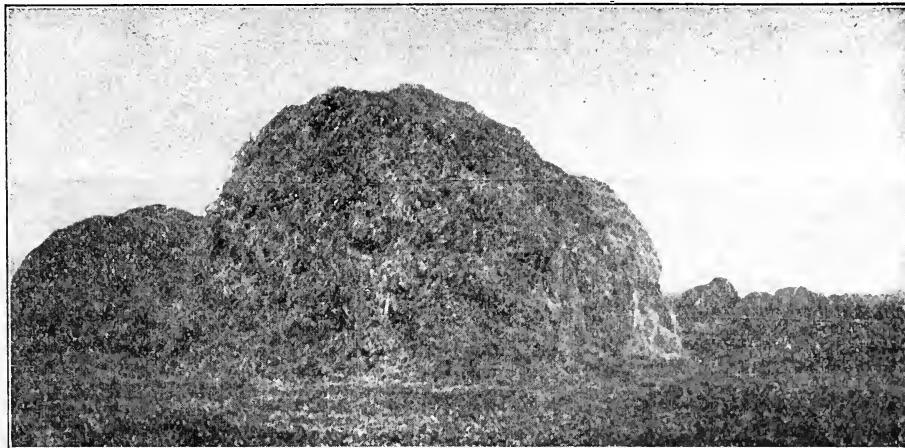
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# HOW TO GROW ALFALFA

ALFALFA can be grown in practically all parts of this country, giving good yields of the very finest forage and improving the soil where it grows. There are certain conditions which are necessary for the successful growth of Alfalfa and careful attention must be given to them. Well drained loose surface and sub-soil is best, but any well drained soil will do. The land should be reasonably rich and supplied with organic matter. The food value of Alfalfa has been so fully demonstrated in all parts of the country that further mention is unnecessary. The fact of interest to the practical farmers is that—

**It is Possible and Practical to Grow Alfalfa on Your Farm!**



**First Cutting of 400 Acres of Alfalfa—All seed inoculated with Farmogerm.  
Farm of H. G. Leavitt, Scottsbluff, Neb.**

#### SEED BED

The seed bed must be well and deeply cultivated and compacted by harrowing. It must be entirely free from weeds. The growing of a cultivated crop previous to preparing for Alfalfa frequently assists in freeing the soil of weeds. Lime is frequently necessary. A ton to the acre is generally sufficient.

#### SEED

Great care should be exercised in selecting the proper variety of seed to suit the climatic condition. Seed which is adapted to hot climates will not survive the rigorous winters of the North nor will the seed suited to Northern conditions withstand the long hot summers of the South. Of course, the seed must be fresh and free from any of the many injurious seed which are found in cheaper grades of alfalfa seed. The best seed only should be used.

#### INOCULATION

Alfalfa must be inoculated just before it is planted. This has been proven to be absolutely necessary. The use of Farmogerm pure cultures is recommended because it is easily and quickly applied gives thorough inoculation and there is absolutely no danger of introducing weeds and root and soil diseases which the use of soil transfer is almost sure to do. The cost of Farmogerm is less than the cost of using soil.

#### PLANTING

Planting can be made in the Spring or Summer. August planting is most generally practiced. Even as late as September and October will give you good results in the warmer sections of the country. Fifteen to twenty pounds of seed of the proper variety and well inoculated should be drilled or sowed broadcast. It should be covered very lightly. No nurse crop should be used except in very exceptional cases.

TRADE **FARMOGERM** MARK

#### THE STANDARD INOCULATION

Comes in bottles ready for use. By adding a little water, shaking well, sprinkling the mixture on the seed and then thoroughly mixing the seed together, the inoculation is complete. The seed for 50 acres can be inoculated in half as many minutes. For many years this preparation alone has demonstrated that Alfalfa can be grown in sections where it was considered impossible to grow Alfalfa.

**WE SELL FARMOGERM INOCULATION ONLY—IT IS STANDARD  
BOOKLET GIVING FULL PARTICULARS SENT UPON REQUEST.**

FOR SALE BY

**WM. HENRY MAULE, Inc. 21st & Arch Sts., Philadelphia, Pa.**

(See Other Side)

# HOW TO ENRICH YOUR LAND AND KEEP IT RICH

WITHOUT THE CONTINUOUS EXPENSE OF HIGH PRICED FERTILIZER

COMMERCIAL fertilizers are to be recommended for certain conditions, but for general soil improvement they are too expensive and the results are only temporary. The growing of inoculated legumes for both hay and green manure will bring back your worn out soil to a fertile and permanently productive condition. They will add nitrogen to the soil by means of the nitrogen sacks or nodules produced upon their roots by the nitrogen fixing bacteria. Fertilizer value equivalent to 1000 lbs. of Nitrate of Soda per Acre may be deposited by the legumes during their growth. In addition to this the yield and quality of the legume is increased. Practical experiments have shown that it is always profitable and very often necessary to inoculate clovers, peas, vetch and all other legumes in order to have them yield profitable returns and give their fertilizing value. This can be best accomplished by inoculating the seed, just before planting, with a bottle of Farmogerm. It comes prepared ready for use and can be applied by anyone in a few minutes. We recommend it to all our customers as being absolutely reliable. It has been on the market for many years and is used by the largest practical farmers in the country. We will be glad to send you further particulars.

TRADE **FARMOGERM** MARK  
THE STANDARD INOCULATION

IS ENDORSED BY EXP. STATIONS AND AGR. EXPERTS EVERYWHERE.

"The cultures which you sent me last year were used and gave very good results." LA. EXP. STA.

"The alfalfa fields show the area inoculated by your Farmogerm culture is much ahead of that which is not inoculated."

"I am now, after being a doubting Thomas, ready to recommend the use of Farmogerm to the farmers for the inoculation of legume seed."

L. R. WALDON, N. Dakota, Exp. Sta.

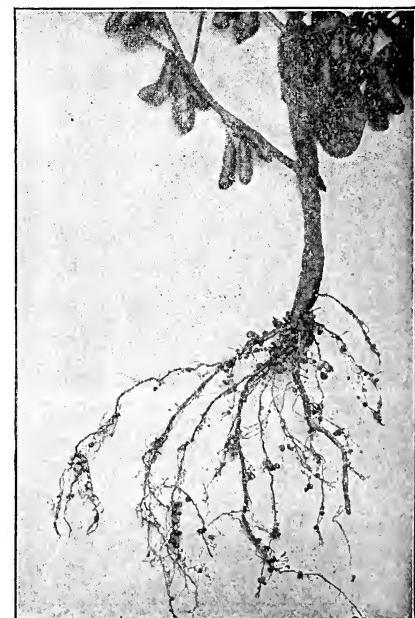
Prof. W. E. MASSEY, N. C. Exp. Sta.

"I have been recommended to you by the Massachusetts Agricultural Experiment Station, Amherst, Mass., the use of your culture to inoculate the soil for alfalfa, instead of soil that has grown alfalfa." R. GILLESPIE.



Nitrate Sacks on Cow Pea Roots.  
Result of Farmogerm.

COMMENCE  
NOW TO  
BUILD  
UP YOUR  
FARM BY  
PLANTING  
ALFALFA  
CLOVER  
PEAS  
BEANS  
VETCH  
COW PEAS  
SOY BEANS



These Nodules are equal to 1000 lbs. Nitrate of Soda per Acre. Soy Beans and Farmogerm.

FARMOGERM IS PUT UP IN BOTTLES IN THE FOLLOWING SIZES:

Extra Farm Size containing material to treat the seeds for 100 Acres	50 Acres	5 Acres	1 Acre	1/4 Acre	\$135.00
Farm Size	"	"	"	"	75.00
Small Farm Size	"	"	"	"	9.00
Trial Farm Size	"	"	"	"	2.00
Garden Size	"	"	"	"	.50

(See Other Side)